Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An image display system of environment-compliant type ~~which~~ that corrects a color of an image and displays the image, based on visual environment information generated by visual environment detection ~~means which~~section that detects a visual environment in a display region of the image, the image display system comprising:

~~colored light~~ a colored-light information processing ~~means which~~section that converts a given color within the visual environment information into a coordinate value within a given color space, and obtains a coordinate value forming a complementary color pair with the converted coordinate value, based on a coordinate value within the given color space of the given color within a given reference environment and the converted coordinate value; and

~~correction means which~~a correction section that corrects input-output characteristic data for display that is used by ~~means of displaying~~a display section to display the image, based on the obtained coordinate value forming the complementary color ~~pair~~pair, the complementary color pair comprising colors forming gray when mixed together with the converted coordinate value within the visual environment.

2. (Currently Amended) The image display system as defined by claim 1,

~~wherein~~ the colored-light information processing ~~means obtains~~section obtaining an inverse vector of a bound vector that indicates a coordinate position of the converted coordinate value within the color space, as the coordinate value forming the complementary color pair, and

~~wherein~~ the correction ~~means corrects~~section correcting the input-output characteristic data, using the obtained inverse vector as a correction value.

3. (Currently Amended) The image display system as defined by claim 2, ~~wherein~~ the correction ~~means performs~~section performing gamma correction as correction of the input-output characteristic data, based on the coordinate value forming the complementary color pair.

4. (Currently Amended) The image display system as defined by claim 3, ~~wherein~~ the colored-light information processing ~~means obtains~~section obtaining coordinate values of a plurality of complementary color pairs for each given grayscale unit.

5. (Currently Amended) The image display system as defined by claim 4, ~~wherein~~ the visual environment detection ~~means comprises means which~~section comprising a device that detects the visual environment by measuring at least ambient light.

6. (Currently Amended) A presentation system of environment-compliant type ~~which~~ that corrects a color of a presentation image and displays the presentation image, adapting to a visual environment, the presentation system comprising:

~~visual~~ a visual environment detection ~~means which~~section that detects the visual environment within a display region of the presentation image, and creates visual environment information;

~~colored-light~~ a colored-light information processing ~~means which~~section that converts the visual environment information into a coordinate value within a given color space, and obtains a coordinate value forming a complementary color pair with the converted coordinate value, based on a coordinate value within the given color space of the given color within a given reference environment and the converted coordinate value;

~~correction means which~~a correction section that corrects input-output characteristic data for display that is used by ~~means of displaying~~a display section to display the image, based on the obtained coordinate value forming the complementary color pair; and

~~display means which~~a display section that displays the presentation image, based on the corrected input-output characteristic ~~data~~data, the complementary color pair comprising colors forming gray when mixed together with the converted coordinate value within the visual environment.

7. (Currently Amended) The presentation system as defined by claim 6, ~~wherein~~ the correction ~~means performs~~section performing gamma correction as correction of the input-output characteristic data, based on the coordinate value forming the complementary color pair.

8. (Currently Amended) The presentation system as defined by claim 7, ~~wherein~~ the display region ~~is a~~being a region on a screen, and ~~wherein~~ the display ~~means comprises~~section comprising a projection ~~means which~~section that projects the presentation image towards the screen.

9. (Currently Amended) The presentation system as defined by claim 8, ~~wherein~~ the visual environment detection ~~means detects~~section detecting a visual environment that takes into account a type of the screen.

10. (Currently Amended) The presentation system as defined by claim 9, ~~wherein~~ the visual environment detection ~~means comprises means which~~section comprising a device that detects the visual environment by measuring at least ambient light.

11. (Currently Amended) An image processing method of environment-compliant type ~~which~~ that corrects a color of an image adapting to a visual environment, the method comprising:

~~a step of~~ detecting a visual environment;

~~a conversion step of~~converting the detected visual environment into a coordinate value within a given color space;

~~a coordinate-value calculation step of~~calculating value including obtaining a coordinate value forming a complementary color pair with a coordinate value converted by the conversion step, based on a coordinate value within the given color space of the given color in a given reference environment and the converted coordinate value;

~~a correction step of~~correcting input-output characteristic data for display, based on the obtained coordinate value forming the complementary color pair; and

~~a step of~~displaying an image, based on the corrected input-output characteristic ~~data~~data, the complementary color pair comprising colors forming gray when mixed together with the converted coordinate value within the visual environment.

12. (Currently Amended) The image processing method as defined by claim 11,

~~wherein~~ the calculating of the coordinate-value ~~calculation step comprises a step of~~comprising obtaining an inverse vector of a bound vector that indicates a coordinate position of the converted coordinate value within the color space, as the coordinate value forming the complementary color pair, and

~~wherein the correction step comprises a step of~~the correcting of the input-output characteristic ~~data, using~~data being based on the obtained inverse vector as a correction value.

13. (Currently Amended) The image processing method as defined by claim 11,

~~wherein~~ the calculating of the coordinate-value ~~calculation step comprises a step of~~comprising obtaining a coordinate position of an externally dividing point that forms a coordinate position of the coordinate value forming the complementary color pair, based on a distance between a coordinate position of the converted coordinate value in the ~~conversion~~

~~step~~converting of the detected visual environment and a given origin within the color space, as the coordinate value forming the complementary color pair, and

~~wherein the correction step comprises a step of correcting~~the correcting of the input-output characteristic ~~data, as~~data includes a corrected value for the coordinate position of the obtained externally dividing point.

14. (Currently Amended) The image processing method as defined by claim 11, ~~wherein~~ the correcting of the input-output characteristic data includes performing a gamma ~~correction,~~correction as correction of the input-output characteristic data based on the coordinate value forming the complementary color pair~~, is performed in the correction step~~.

15. (Currently Amended) The image processing method as defined by claim 11, ~~wherein~~ the correcting of the input-output characteristic data includes performing a correction of a color reproduction ~~region,~~region as correction of the input-output characteristic data based on the coordinate value forming the complementary color pair~~, is performed in the correction step~~.

16. (Currently Amended) The image processing method as defined by claim 11, ~~wherein~~ the calculating of the coordinate-value ~~calculation step comprises a step of~~comprising obtaining coordinate values of a plurality of complementary color pairs for each given grayscale unit.

17. (Currently Amended) A program embodied on an information storage medium or in a carrier wave, ~~which~~ that is a program for correcting a color of a presentation image and displaying the presentation image, adapting to a visual environment, the program implementing in a computer comprising:

~~visual~~ a visual environment detection ~~means which~~section that detects the visual environment within a display region of the presentation image, and creates visual environment information;

~~colored-light~~ a colored-light information processing ~~means which~~section that converts the visual environment information into a coordinate value within a given color space, and obtains a coordinate value forming a complementary color pair with the converted coordinate value, based on a coordinate value within the given color space of the given color within a given reference environment and the converted coordinate value;

~~correction means which~~a correction section that corrects input-output characteristic data for display that is used by ~~means of displaying~~ the image, based on the obtained coordinate value forming the complementary color pair; and

~~means which~~device that controls a display ~~means~~ section to display the presentation image, based on the corrected input-output characteristic ~~data~~data, the complementary color pair comprising colors forming gray when mixed together with the converted coordinate value within the visual environment.

18. (Currently Amended) The program as defined by claim 17, ~~wherein~~ the correction ~~means performs~~section performing a gamma correction as correction of the input-output characteristic data, based on the coordinate value forming the complementary color pair.

19. (Currently Amended) The program as defined by claim 18, ~~wherein~~ the display region ~~is a~~being a region on a screen, and ~~wherein~~ the display ~~means comprises~~section comprising a projection means which projects the presentation image towards the screen.

20. (Currently Amended) The program as defined by claim 19, ~~wherein~~ the visual environment detection ~~means detects~~section detecting a visual environment that takes into account at least a type of screen.

21. (Currently Amended) The program as defined by claim 20, ~~wherein~~ the visual environment detection ~~means detects~~section detecting a visual environment that takes into account at least ambient light.